



Name: _____ Date: _____ Per: _____

WEB SURFING SCIENCE!

Using the Web Surfing Science! websites your teacher has assigned to you, complete the following online treasure hunt.

Part I: Earth's Layers**Part II: The Center****Part III: Under the Soil****Part I: Earth's Layers**

1. Draw a diagram of the layers of Earth. Include the following words: *inner core*, *outer core*, *mantle*, *crust*, and *lithosphere*.

2. How do scientists believe the layers of Earth were formed?

3. What is the lithosphere made of?



Part II: The Center

1. Where is the asthenosphere located?

2. Describe the physical state of matter in the asthenosphere.

3. Each layer of Earth is the same thickness and made of the same elements. (Circle the correct answer.)
TRUE FALSE

Part III: Under the Soil

1. Crust—elemental make-up:

2. Crust—temperature:

3. Mantle—elemental make-up:

4. Mantle—temperature:

5. Outer core – elemental make-up:

6. Outer core – temperature:

7. Outer core – state of matter:

8. Inner core – elemental make-up:

9. Inner core – temperature:

10. Inner core – state of matter:

